

URBAN DISTRICT COUNCIL  
OF  
BARNOLDSWICK  
(YORKS.)

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**ANNUAL REPORT**  
OF  
T. MacMASTER GLEN  
Medical Officer of Health  
For the Year 1947

SKIPTON :  
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1948



# Urban District of Barnoldswick.

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## Health Committee.

THE WHOLE COUNCIL.

Councillor Dr. J. D. ROBERTSON (*Chairman*)

## Public Health Department.

*Medical Officer of Health :*

T. M. GLEN, L.R.C.S., L.R.C.P. (Edin.)

*Sanitary Inspector :*

†J. S. BREWER, M.S.I.A.

*Staff :*

Assistant : R. HARRISON.

Pupil : E. W. BROUGHTON

Clerk : Miss I. DEAN

*Isolation Hospital :*

Nurse M. TOWLER, S.R.N.

*School Nurse (W.R.C.C.)*

Nurse M. BIRDSALL, S.R.N., H.V.

*Midwife (W.R.C.C.)*

Nurse E. BARLOW, C.M.B.

*District Nurse (Local Nursing Association)*

Nurse I. JACKSON, S.R.N., S.C.M. (Queen's)

Nurse M. E. BIRCHENOUGH, S.R.N.

†Qualified Meat Inspector,



Health Department,  
Town Hall,  
Barnoldswick.

*To the Chairman and Members of the  
Barnoldswick Urban District Council.*

I have pleasure in presenting to you the report of the health of Barnoldswick.

The birth-rate is higher than for England and Wales, but unfortunately the death-rate is also higher, as you will see from the comparative tables enclosed in the Report.

The Mass Radiography which has been carried out here recently was a great success and several cases of tuberculosis were detected. The Council, in my opinion, should propose to the County Council to have a yearly survey by Mass Radiography of all school children, especially the infants commencing and the pupils leaving school.

The "Housing List" still remains a lengthy one, and in the interests of the public the Housing Scheme should be proceeded with forthwith.

The health of the citizens of Barnoldswick was generally good. There have been mild epidemics of whooping cough, measles, and chickenpox.

In relation to the above I am pleased to report that there were no cases of diphtheria, but I must appeal to all parents to take full advantage of the scheme for immunisation against this dreaded disease, and in my opinion the best birthday gift a child one year old can get is immunisation against diphtheria and whooping cough. This can be carried out at the Clinic, Mosley Street, where enquiries should be made.

I again express my thanks to Mr. Brewer, the Sanitary Inspector, and his staff for their helpful and valuable assistance.

I wish Dr. Hunter every success in his work.

Faithfully yours,  
T. MACMASTER GLEN.

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

|   |     |     |     |     |     |         |        |
|---|-----|-----|-----|-----|-----|---------|--------|
| Area (in acres)                         | ... | ... | ... | ... | ... | ...     | 2,764  |
| Population                              | ... | ... | ... | ... | ... | ...     | 10,090 |
| Number of Inhabited Houses              | ... | ... | ... | ... | ... | ...     | 3,414  |
| Number of Empty Houses                  | ... | ... | ... | ... | ... | ...     | 4      |
| Rateable Value                          | ... | ... | ... | ... | ... | £61,463 | 0 0    |
| Sum represented by a Penny Rate (Gross) | ... | ... | ... | ... | ... | £256    | 1 11   |

### EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1947.

|                |     |    |       |                             |
|----------------|-----|----|-------|-----------------------------|
| Live Births :  | M.  | F. | Total |                             |
| Legitimate     | 105 | 99 |       | Birth-rate per 1,000 of the |
| Illegitimate   | 8   | 6  |       | estimated resident pop-     |
|                |     |    | 218   | ulation, 21·6.              |
| Still Births : |     |    |       |                             |
| Legitimate     | 3   | —  |       | Rate per 1,000 total Live   |
| Illegitimate   | 1   | —  | 4     | and Still Births, 18·01.    |
| Deaths         | 66  | 78 | 144   | Death-rate per 1,000 of the |
|                |     |    |       | estimated resident pop-     |
|                |     |    |       | ulation, 14·3.              |

|  |                    |
|--|--------------------|
| Number of Women Dying in, or in consequence of, Childbirth | Nil                |
| Death-rate of Infants under One Year of age :              |                    |
| Legitimate   | 4 Males, 1 Females |
| Illegitimate   | 1 Male — Females   |
| All Infants per 1,000 Live Births                          | 27·52              |
| Legitimate Infants per 1,000 Legitimate Live Births        | 24·5               |
| Illegitimate Infants per 1,000 Illegitimate Live Births    | 71·42              |
| Deaths from Cancer (all ages)                              | 19                 |
| Deaths from Measles (all ages)                             | Nil                |
| Deaths from Whooping Cough (all ages)                      | Nil                |
| Deaths from Diarrhoea (under two years of age)             | 1                  |

### COMPARATIVE TABLE.

(PROVISIONAL FIGURES BASED ON WEEKLY AND QUARTERLY  
RETURNS.)

|                                   |     |     |     | Barnoldswick | England<br>and<br>Wales. |
|-----------------------------------|-----|-----|-----|--------------|--------------------------|
| RATES PER 1,000 POPULATION :      |     |     |     |              |                          |
| Live Births                       | ... | ... | ... | 21·6         | 20·5                     |
| Still Births                      | ... | ... | ... | 18·01        | 0·50                     |
| DEATH-RATE PER 1,000 POPULATION : |     |     |     |              |                          |
| All Causes                        | ... | ... | ... | 14·3         | 12·0                     |
| Typhoid and Paratyphoid           | ... | ... | ... | —            | 0·00                     |
| Scarlet Fever                     | ... | ... | ... | —            | 0·00                     |
| Whooping Cough                    | ... | ... | ... | —            | 0·02                     |
| Diphtheria                        | ... | ... | ... | —            | 0·01                     |
| Influenza                         | ... | ... | ... | —            | 0·09                     |
| Smallpox                          | ... | ... | ... | —            | 0·00                     |
| Measles                           | ... | ... | ... | —            | 0·01                     |

## RATES PER 1,000 LIVE BIRTHS :

|  | Barnoldswick | England and Wales |
|--|--------------|-------------------|
| Deaths under One Year of Age ...                               | 27.52 ...    | 41.0              |
| Deaths from Diarrhoea and Enteritis Under Two Years of Age ... | 4.59 ...     | 5.8               |

A dash (—) signifies that there were no deaths.

## CAUSES OF DEATH.

|  | Males. | Females. |
|--|--------|----------|
| Tuberculosis of Respiratory System ...       | —      | 1        |
| Other forms of Tuberculosis ...              | —      | 1        |
| Influenza ...                                | —      | —        |
| Cancer of Oesophagus and Uterus ...          | —      | —        |
| Cancer of Stomach and Duodenum ...           | 1      | 3        |
| Cancer of Breast ...                         | —      | 3        |
| Cancer of Other Sites ...                    | 5      | 7        |
| Diabetes ...                                 | —      | 2        |
| Intra-Cranial Vascular Lesions ...           | 14     | 10       |
| Heart Diseases ...                           | 19     | 26       |
| Other Diseases of the Circulatory System ... | 2      | 2        |
| Bronchitis ...                               | 5      | 3        |
| Pneumonia ...                                | —      | 2        |
| Other Respiratory Diseases ...               | —      | —        |
| Diarrhoea (under 2 years) ...                | —      | 1        |
| Appendicitis ...                             | —      | —        |
| Other Digestive Diseases ...                 | —      | 2        |
| Nephritis ...                                | 2      | —        |
| Other Maternal Causes ...                    | —      | 1        |
| Premature Birth, etc....                     | 5      | 1        |
| Suicide ...                                  | 1      | —        |
| Road Traffic Accidents ...                   | 1      | —        |
| Other Violent Causes ...                     | 3      | 1        |
| All other Causes ...                         | 8      | 12       |
|  | 66     | 78       |

## DEATHS OF INFANTS UNDER ONE YEAR OF AGE :

|                  | Males | Females. |
|------------------|-------|----------|
| Legitimate ...   | 4 ... | 1        |
| Illegitimate ... | 1 ... | —        |
|                  | 5 ... | 1        |

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

### LABORATORIES.

Adequate facilities are provided by the West Riding County Council Laboratory, where specimens may be sent for examination.

### AMBULANCE FACILITIES.

The Council has two ambulances for the conveyance of patients to and from Hospital. A female and male attendant accompanies the patient when required. During the year 619 patients were conveyed in the ambulances.

### NURSING IN THE HOME.

There is one whole-time District Nurse and an Assistant Nurse, who are employed by the Barnoldswick Hospital Fund and District Nursing Association.

### TREATMENT CENTRES AND CLINICS.

Facilities are provided by the West Riding County Council. A Child Welfare Clinic is open on a full day each week and an additional half-day each fortnight, when a County Medical Officer and Nurse are in attendance.

### TUBERCULOSIS.

There is a West Riding County Council Dispensary in the town where patients may attend during certain hours for examination and consultation. As mentioned in my last report, these rooms are absolutely inadequate and antiquated. The Council have approached the West Riding County Council with a view to housing all the Clinics—Anti-natal, Tuberculosis and Dental—in one building. The County Council, however, have made plans for a Dental Clinic and I trust that they will soon make suitable arrangements for the Tuberculosis and Anti-natal Clinics.

### VENEREAL DISEASES.

Cases may attend for treatment at Burnley Victoria Hospital, Leeds, Bradford and Keighley.

### HOSPITALS.

#### (a) GENERAL.

Cases are treated at Burnley Victoria Hospital, Burnley Municipal Hospital, Leeds General Infirmary and Bradford Royal. The majority of cases attend the first-named hospital.



## (b) INFECTIOUS DISEASES.

The Council has an arrangement with the Burnley Joint Hospital Board to receive any cases of smallpox. Other infectious cases are treated at the Council's Isolation Hospital, which has accommodation for 12 patients.

## MATERNITY.

A Maternity Home is provided by the West Riding County Council at Langroyd, Colne. This has been very much appreciated by the mothers who have attended this Home for their confinement.

The Matron (Miss Roberts) and her staff have to be congratulated on their excellent work.

## FACTORIES.

Meechanical and non-meechanical factories on the register :

|                                 |     |     |     |    |
|---------------------------------|-----|-----|-----|----|
| Cotton Manufaecturers           | ... | ... | ... | 23 |
| Silk Manufacturers              | ... | ... | ... | 1  |
| Joiners and Undertakers         | ... | ... | ... | 5  |
| Shocmakers and Repairers        | ... | ... | ... | 9  |
| Cloggers                        | ... | ... | ... | 2  |
| Blacksmiths                     | ... | ... | ... | 1  |
| Millwrights and Motor Engineers | ... | ... | ... | 9  |
| Engineers                       | ... | ... | ... | 4  |
| Corn Millers                    | ... | ... | ... | 1  |
| Printers                        | ... | ... | ... | 2  |
| Scientific Corsetry             | ... | ... | ... | 1  |
| Cheese Makers                   | ... | ... | ... | 2  |
| Steam Laundries                 | ... | ... | ... | 1  |
| Upholsterers                    | ... | ... | ... | 2  |
| Monumental Masons               | ... | ... | ... | 1  |
| Saddlers                        | ... | ... | ... | 1  |
| Plumbers                        | ... | ... | ... | 5  |
| Other Premises                  | ... | ... | ... | 2  |
|                                 |     |     |     | —  |
| Total                           |     |     |     | 72 |
|                                 |     |     |     | —  |

One hundred and fifty-two inspections were made of these premises, and the following table shows the defects found :

| DEFECTS :                       | Found. | Remedied. |
|---------------------------------|--------|-----------|
| Want of Cleanliness             | 1      | 1         |
| Overcrowding                    | —      | —         |
| Unreasonable Temperature        | —      | —         |
| Inadquate Ventilation           | —      | —         |
| Insufficient Drainage of Floors | —      | —         |

## SANITARY CONVENIENCES :

|                                     | Found. | Remedied. |
|-------------------------------------|--------|-----------|
| Insufficient ... ..                 | 4      | 4         |
| Unsuitable or Defective ... ..      | 8      | 8         |
| Artificial lighting ... ..          | 5      | 2         |
| Intervening ventilated space ... .. | 6      | 6         |
| Not Separate for Sexes ... ..       | —      | —         |

## SANITARY CIRCUMSTANCES OF THE AREA.

## WATER.

The town's supply of water is from deep wells at White Moor, and moorland springs in the Elslack area. The water is filtered and chlorinated and the supply is sufficient for a much larger area than it at present serves. The high level districts of the town are served from White Moor and the low level from Elslack, through the storage reservoir at Park Hill.

The capacities of the Reservoirs are :

|   |     |     |               |          |
|---|-----|-----|---------------|----------|
| Elslack Impounding Reservoir                      | ... | ... | 50,000,000    | gallons. |
| Park Hill Service Reservoir                       | ... | ... | 1,000,000     | „        |
| White Moor  | ... | ... | 400,000       | „        |
| The volume of water supplied during the year was  | ... | ... | 163,506,000   | „        |
| The Average Consumption per head per day          | ... | ... | 35.2          | „        |
| The total Length of Mains in use are              | ... | ... | 25 miles, 931 | yds.     |
| The Number of houses on constant direct supply is | ... | ... | ...           | 3,380    |
| The number of houses on private supply (farms)    | ... | ... | ...           | 34       |
| Total   |     |     |               | 3,414    |

Forty-one samples of water were sent to the Laboratory for examination and the following were the results :

### WHITE MOOR RESERVOIR.

| No.                 | Presump-<br>tive<br>B. Coli. | On Agar at<br>37°C. after<br>48 hours. | On Agar at<br>20/22°C. after<br>72 hours. | p.H.<br>Value. | Free<br>Chlorine<br>pts./million. | Result.      |
|---------------------|------------------------------|--|---|----------------|-----------------------------------|--------------|
| <b>Filtered :</b>   |                              |  |   |                |                                   |              |
| 64                  | Nil                          | 3.5                                    | 34  | —              | —                                 | Satisfactory |
| 65                  | Nil                          | 6.5                                    | 37  | —              | —                                 | do.          |
| 73                  | 1                            | 1                                      | 112                                       | —              | —                                 | do.          |
| 75                  | 2                            | 2.5                                    | 84  | —              | —                                 | do.          |
| 35                  | 1                            | 2.5                                    | 145                                       | —              | —                                 | do.          |
| 38                  | 6                            | —                                      | —   | 7.0            | Nil                               | Doubtful     |
| 66                  | Nil                          | —                                      | —   | —              | —                                 | Satisfactory |
| 75                  | Nil                          | —                                      | —   | —              | —                                 | do.          |
| 61                  | Nil                          | —                                      | —   | 6.8            | Nil                               | do.          |
| <b>Unfiltered :</b> |                              |  |   |                |                                   |              |
| 66                  | Nil                          | 4                                      | 7   | —              | —                                 | do.          |
| 74                  | 3                            | 12.5                                   | 98  | —              | —                                 | do.          |

## SUMMARY.

## Filtered Water :

|                |     |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|-----|
| Satisfactory   | ... | ... | ... | ... | ... | 8   |
| Doubtful       | ... | ... | ... | ... | ... | 1   |
| Unsatisfactory | ... | ... | ... | ... | ... | nil |

## Unfiltered Water :

|                |     |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|-----|
| Satisfactory   | ... | ... | ... | ... | ... | 2   |
| Doubtful       | ... | ... | ... | ... | ... | nil |
| Unsatisfactory | ... | ... | ... | ... | ... | nil |

The Bacteriologist's Reports on the samples were as follows :

64, 65 and 66.—These samples are fit for consumption.

73.—This sample is satisfactory, but the presence of faecal B. Coli is suspicious.

73, 74 and 75.—Coliform differential tests B. Coli type 1 Faecal. Probable habitat : Human and animal intestine.

35.—This sample is satisfactory, B. Coli Type 2 (origin doubtful). Probably not primarily intestinal.

38.—This sample is doubtful.

66.—This sample is satisfactory.

75.—This sample is satisfactory.

01.—This sample is satisfactory.

## ELSLACK RESERVOIR.

| No.                 | Presump-<br>tive<br>B. Coli. | On Agar at<br>37°C. after<br>48 hours. | On Agar at<br>20/22°C. after<br>72 hours. | pH<br>Valuc. | Free<br>Chlorine<br>pts./million. | Result.        |
|---------------------|------------------------------|--|---|--------------|-----------------------------------|----------------|
| <b>Filtered :</b>   |                              |  |   |              |                                   |                |
| 46                  | 1                            | 2                                      | 45  | —            | —                                 | Satisfactory   |
| 68                  | 3                            | Nil                                    | 134                                       | —            | —                                 | do.            |
| 69                  | 1                            | 0.5                                    | 57  | —            | —                                 | do.            |
| 77                  | 35                           | 4                                      | 20  | —            | —                                 | Unsatisfactory |
| 78                  | 90                           | 2                                      | 996                                       | —            | —                                 | do.            |
| 89                  | 1                            | 1                                      | 2   | —            | —                                 | Satisfactory   |
| 90                  | Nil                          | Nil                                    | 58  | —            | —                                 | do.            |
| 34                  | 7                            | 13.5                                   | 304                                       | —            | —                                 | do.            |
| 15                  | 180+                         | 10                                     | 9   | —            | —                                 | Unsatisfactory |
| 48                  | 1                            | 3                                      | 19  | —            | —                                 | Satisfactory   |
| 27                  | 9                            | —                                      | —   | 7.0          | Nil                               | Doubtful       |
| 37                  | Nil                          | 470                                    | 1,200                                     | 8.0          | 0.02                              | Satisfactory   |
| 38                  | Nil                          | 48                                     | 2,700                                     | 7.8          | 0.02                              | do.            |
| 037                 | Nil                          | —                                      | —   | 9.2          | 0.5                               | do.            |
| 65                  | Nil                          | —                                      | —   | —            | —                                 | do.            |
| 74                  | Nil                          | —                                      | —   | —            | —                                 | do.            |
| 02                  | Nil                          | —                                      | —   | 7.6          | Nil                               | do.            |
| <b>Unfiltered :</b> |                              |  |   |              |                                   |                |
| 67                  | 8                            | 2                                      | 820                                       | —            | —                                 | Satisfactory   |
| 76                  | 90                           | 6                                      | 141                                       | —            | —                                 | Unsatisfactory |
| 88                  | 3                            | Nil                                    | Nil                                       | —            | —                                 | Satisfactory   |
| 14                  | 180+                         | 6                                      | 11  | —            | —                                 | Unsatisfactory |
| 26                  | 16                           | —                                      | —   | —            | —                                 | do.            |

## SUMMARY.

## Filtered Water :

|                |     |     |     |     |     |    |
|----------------|-----|-----|-----|-----|-----|----|
| Satisfactory   | ... | ... | ... | ... | ... | 13 |
| Doubtful       | ... | ... | ... | ... | ... | 1  |
| Unsatisfactory | ... | ... | ... | ... | ... | 3  |

## Unfiltered Water :

|                |     |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|-----|
| Satisfactory   | ... | ... | ... | ... | ... | 2   |
| Doubtful       | ... | ... | ... | ... | ... | nil |
| Unsatisfactory | ... | ... | ... | ... | ... | 3   |

- 46.—This sample is satisfactory. Intermediate Type 1. Origin :  
Mainly soil.
- 67, 68 and 69.—This water is fit for consumption. B. Coli Type 1, faecal.  
Origin : Human and animal intestine.
- 76, 77 and 78.—These samples are unsatisfactory. Coliform differential  
tests B. Coli, Type 1, faecal. Probable habitat : Human and animal  
intestine.
- 78.—Very unsatisfactory and probably dangerous.
- 88 and 89.—These samples are satisfactory. B. Coli Type 1. Origin :  
Human and animal intestine.
- 90.—This sample is satisfactory.
- 34.—This sample is fit for use although the "presumptive B. Coli"  
count should be viewed with suspicion.
- 14 and 15.—These samples are highly dangerous.
- 48.—This sample was satisfactory at time of examination.
- 26.—This sample is unsatisfactory.
- 27.—This sample is doubtful.
- 37.—The plate counts on this sample are undesirably high. A higher  
free chlorine residue would benefit this supply. No B. Coli found in  
100 ml., therefore this sample is satisfactory.
- 38.—This sample has a very high plate count at 22° C., having a low  
count at 37° C. and no B. Coli. This sample is satisfactory. Chlorina-  
tion of filters and the maintenance of a higher free chlorine would  
reduce the bacterial population.
- 037.—This sample is satisfactory.
- 65.—This sample is satisfactory.
- 74.—This sample is satisfactory.
- 02.—This sample is satisfactory.

## CANAL RESERVOIR. (EMERGENCY).

| No.          | Presumptive<br>B. Coli. | COLONY COUNT.                         |  | Result.  |
|--------------|-------------------------|---------------------------------------|--|----------|
|              |                         | On Agar at<br>37° C. after<br>48 hrs. | On Agar at<br>20/22° C. after<br>72 hrs. |          |
| Unfiltered : |                         |                                       |  |          |
| "A"          | 13                      | 121                                   | 1047                                     | Doubtful |
| "B"          | 18                      | 118                                   | 825                                      | do.      |

### SUMMARY.

|                |     |     |     |     |     |     |
|----------------|-----|-----|-----|-----|-----|-----|
| Unfiltered :   |     |     |     |     |     |     |
| Satisfactory   | ... | ... | ... | ... | ... | nil |
| Doubtful       | ... | ... | ... | ... | ... | 2   |
| Unsatisfactory | ... | ... | ... | ... | ... | nil |

"A" and "B"—B. Coli Type 2. Origin doubtful ; probably not primarily  
intestinal. It should be safe to use this water for drinking purposes  
as a temporary measure, but chlorination is advisable if you have  
to use it for any length of time.

### PLUMBO-SOLVENCY.

| Supply.  | Date.   | Approx.<br>length of<br>Lead<br>Service<br>Pipe. | Result of Examination.                 |              |
|--|---------|--|--|--------------|
|  |         |  | Lead content<br>(grains per<br>gallon) | pH<br>Value. |
| BARNOLDSWICK U.D.C.  |         |  |  |              |
| Elslack Supply :   |         |  |  |              |
| After standing in pipe for<br>a measured period of half<br>an hour     ...     ...     ... | 15/4/47 | 28 ft.   | 1/36th                                 | 6.0          |
| After standing in pipe all<br>night     ...     ...     ...                                | "       | "  | 1/18th                                 | 6.4          |

**Barnoldswick U.D.C.****Elslack Supply :**

|   |         |        |     |     |
|---|---------|--------|-----|-----|
| After standing in pipe for<br>a measured period of half<br>an hour ... .. | 8/12/47 | 35 ft. | nil | 8.2 |
| After standing in pipe all<br>night ... ..                                | „       | „      | nil | 7.9 |

**CHEMICAL ANALYSIS.****SAMPLE MARKED "ELSLACK SUPPLY." Filtered Water.**

|  |        |                              |
|--|--------|------------------------------|
| Total Solids ... ..                                  | 11.16  | pts. per 100,000             |
| Mineral Matter ... ..                                | 9.36   | „                            |
| Chlorine ... ..                                      | 1.2    | „                            |
| Free Ammonia ... ..                                  | Nil.   | „                            |
| Albuminoid Ammonia ... ..                            | 0.0012 | „                            |
| Oxygen absorbed in 4 hrs. at<br>80 Degrees F. ... .. | 0.059  | „                            |
| Nitrous Nitrogen ... ..                              | Nil.   | „                            |
| Nitric Nitrogen ... ..                               | 0.043  | „                            |
| Temporary Hardness ... ..                            | 1.2    | Degrees.                     |
| Total Hardness ... ..                                | 3.8    | „                            |
| Permanent Hardness ... ..                            | 2.6    | „                            |
| Lead in Solution ... ..                              | Nil    | „                            |
| Lead dissolved in 24 hrs. ... ..                     | Nil    | „                            |
| pH Value ... ..                                      | 8.0    | „                            |
| Free Chlorine ... ..                                 | Nil    | „                            |
| Appearance ... ..                                    | ...    | Clear and almost colourless. |

**SAMPLE MARKED "WHITE MOOR SUPPLY." Filtered Water.**

|  |        |                              |
|--|--------|------------------------------|
| Total Solids ... ..                                  | 13.60  | pts per 100,000              |
| Mineral Matter ... ..                                | 11.72  | „                            |
| Chlorine ... ..                                      | 1.3    | „                            |
| Free Ammonia ... ..                                  | 0.0040 | „                            |
| Albuminoid Ammonia ... ..                            | 0.0040 | „                            |
| Oxygen absorbed in 4 hrs. at<br>80 Degrees F. ... .. | 0.007  | „                            |
| Nitrous Nitrogen ... ..                              | Nil.   | „                            |
| Nitric Nitrogen ... ..                               | 0.095  | „                            |
| Temporary Hardness ... ..                            | 5.6    | Degrees.                     |
| Total Hardness ... ..                                | 5.8    | „                            |
| Permanent Hardness ... ..                            | 0.2    | „                            |
| Lead in Solution ... ..                              | Nil.   | „                            |
| Lead dissolved in 24 hrs. ... ..                     | Nil.   | „                            |
| pH Value ... ..                                      | 6.9    | „                            |
| Free Chorline ... ..                                 | 0.02   | pts per million              |
| Appearance ... ..                                    | ...    | Clear and almost colourless. |

(Signed) R. MALLINDER.

## METEOROLOGICAL RETURNS.

RECORDED AT THE MODERN SCHOOL, KELBROOK RD., BARNOLDSWICK.

| Months.   |     |     |     |     | No. of Days<br>with rain<br>recorded. |     | Rainfall<br>in<br>Inches. |
|-----------|-----|-----|-----|-----|---------------------------------------|-----|---------------------------|
| January   | ... | ... | ... | ... | 19                                    | ... | 4·28                      |
| February  | ... | ... | ... | ... | 15                                    | ... | 0·98                      |
| March     | ... | ... | ... | ... | 19                                    | ... | 5·25                      |
| April     | ... | ... | ... | ... | 17                                    | ... | 4·23                      |
| May       | ... | ... | ... | ... | 16                                    | ... | 2·94                      |
| June      | ... | ... | ... | ... | 17                                    | ... | 2·68                      |
| July      | ... | ... | ... | ... | 17                                    | ... | 4·04                      |
| August    | ... | ... | ... | ... | 5                                     | ... | 0·18                      |
| September | ... | ... | ... | ... | 20                                    | ... | 3·34                      |
| October   | ... | ... | ... | ... | 14                                    | ... | 0·81                      |
| November  | ... | ... | ... | ... | 19                                    | ... | 6·98                      |
| December  | ... | ... | ... | ... | 17                                    | ... | 3·92                      |
|           |     |     |     |     | 195                                   |     | 39·63                     |

Highest Rainfall for any day in 1947, Nov. 11th ... 1·72 ins.

Wettest Month, November ... 6·98 „

Driest Month, August ... 0·18 „

Longest dry period, Aug. 6th—Sept. 4th (inclusive)

## SEWERAGE, DRAINAGE AND SANITARY WORK.

The sewage works are under the supervision of the Council's Surveyor and are situated in Greenberfield Lane, and the methods of treatment have been satisfactory. There were no sewer extensions, and the only work carried out was the repair of existing sewers.

The duties of the health department are the supervision of drainage work where no plan has been submitted.

Ninety-seven visits were made to inspect and test existing drains and sewers, and supervise the construction of new drains.

## RIVERS AND STREAMS.

These are under the control of the West Riding Rivers Board. No instance of pollution came to the notice of this department, but the Rivers Board have made complaints to the department concerned re effluent from the sewage works.



## CLOSET ACCOMMODATION.

There are thirty-five pail closets and two tanks. These are emptied weekly and the number does not include those on outlying farms. The existing pail closets cannot be converted to fresh water closets because there are no sewers available.

The Council makes no grant towards the conversion of waste water closets, but owners of property have converted 42 during the year.

Twenty-four additional fresh water closets were constructed and the drains at fifty premises were reconstructed.

The following is the approximate accommodation connected with domestic premises :

|  |     |     |     |     |       |
|--|-----|-----|-----|-----|-------|
| Fresh-water Closets                    | ... | ... | ... | ... | 2,934 |
| Waste-water Closets                    | ... | ... | ... | ... | 1,327 |
| Fixed Receptacles                      | ... | ... | ... | ... | 2     |
| Pail Closets (excluding farm premises) | ... |     |     |     | 35    |

The following Report is furnished by the Sanitary Inspector under the Sanitary Officers' Outside (London) Regulations, 1935 :

**SANITARY INSPECTION OF THE AREA.**

|   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| Cowsheds, Dairies and Milkshops               | ... | ... | ... | ... | 138 |
| Bakehouses                                    | ... | ... | ... | ... | 71  |
| Other premises where Food is prepared or sold | ... | ... |     |     | 63  |
| Ice-cream Premises                            | ... | ... | ... | ... | 26  |
| Offensive Trades                              | ... | ... | ... | ... | 2   |
| Milk Samples                                  | ... | ... | ... | ... | 190 |
| Factories—Mechanical and Non-mechanical       | ... | ... |     |     | 152 |
| Common Lodging-houses                         | ... | ... | ... | ... | 16  |
| Shops Act                                     | ... | ... | ... | ... | 2   |
| Alleged Dirty and Verminous Houses            | ... | ... | ... |     | 2   |
| Infectious Diseases Investigations            | ... | ... | ... | ... | 31  |
| Ice Cream Samples                             | ... | ... | ... | ... | 8   |

## Water Samples :

|                                     |  |     |     |     |             |
|-------------------------------------|--|-----|-----|-----|-------------|
| Town's Supply :                     | Bacteriological                          | ... | ... | 35  |             |
|                                     | Chemical                                 | ... | ... | 2   |             |
|                                     | Plumbo Solvency                          |     | ... | 4   |             |
|                                     |  |     |     | —   | 41          |
| Drains Inspected and Tested         | ...                                      | ... | ... | ... | 97          |
| Reservoirs                          | ...                                      | ... | ... | ... | 10          |
| Council Tip, Salvage Shed and Depot |  |     | ... | ... | 75          |
| Ambulance Garage                    | ...                                      | ... | ... | ... | 11          |
| Smoke Observations                  | ...                                      | ... | ... | ... | 145         |
| Isolation Hospital                  | ...                                      | ... | ... | ... | 45          |
| Destructor                          | ...                                      | ... | ... | ... | 4           |
| Rats and Mice Destruction           | ...                                      | ... | ... | ... | 604         |
| Caravans                            | ...                                      | ... | ... | ... | 8           |
| Schools                             | ...                                      | ... | ... | ... | 13          |
| Mortuary                            | ...                                      | ... | ... | ... | 2           |
| Dwellinghouses :                    | Public Health Acts (including re-visits) | ... |     |     | 863         |
|                                     | Housing Acts (including re-visits)       |     | ... |     | 39          |
|                                     |  |     |     |     | <hr/> 2,658 |

|  |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|
| Interviews on various Premises with Owners, Agents and Contractors | ... | ... | ... | ... | ... | 617 |
| Complaints received  | ... | ... | ... | ... | ... | 160 |
| Informal Notices under the Public Health Acts                      |     |     |     | ... | ... | 75  |
| Informal Notices complied with                                     | ... | ... | ... | ... | ... | 35  |
| Houses rendered fit without service of informal notice             |     |     |     | ... | ... | 69  |

## Statutory Notices :

|                     | Number Served. | Number Outstanding 1946 | Number Complied with 1947 |
|---------------------|----------------|-------------------------|---------------------------|
| Housing Act :       |                |                         |                           |
| Section 9           | 3              | 6                       | 3                         |
| Public Health Act : |                |                         |                           |
| 1936 :              |                |                         |                           |
| Section 93          | 6              | 3                       | 2                         |
| Section 138         | 1              | Nil                     | 1                         |
| Factory Act 1937 :  |                |                         |                           |
| Section 7           | 2              | —                       | —                         |

|                                      |     |     |     |     |     |
|--------------------------------------|-----|-----|-----|-----|-----|
| Nuisances found in 1947              | ... | ... | ... | ... | 347 |
| Nuisances in hand at the end of 1946 |     | ... | ... | ... | 73  |
| Total needing Abatement              | ... | ... | ... | ... | 420 |
| Total Abated during 1947             | ... | ... | ... | ... | 271 |
| Total Outstanding at the end of 1947 |     | ... | ... | ... | 149 |



WORK CARRIED OUT UNDER THE SUPERVISION  
OF THE DEPARTMENT.

|   |        |    |
|---|--------|----|
| Waste Water-Closets converted to Fresh Water-Closets                    | ...    | 42 |
| Pail Closets converted to Fresh Water-Closets                           | ... .. | 9  |
| Additional Fresh Water Closets  | ... .. | 24 |
| Closets reconstructed and provided with separate flush                  | ...    | 15 |
| Urinals reconstructed and provided with Flush Pipes                     | ...    | 6  |
| Drains re-constructed   | ... .. | 50 |
| Defective and choked Drains released and repaired                       | ...    | 50 |
| Closet Walls, Floors, Roofs, Seats and Doors made good                  | ...    | 4  |
| Water-Closet Pedestals, Flush Pipes, Cisterns and Connections made good | ... .. | 7  |
| Waste Water-Closet Tippers repaired                                     | ... .. | 4  |
| Bath and Sink Waste Pipes repaired or renewed                           | ... .. | 3  |
| Rainwater pipes disconnected from drains                                | ... .. | 3  |
| Rainwater Pipes and Eaves Troughings repaired or renewed...             |        | 15 |
| Defective Dust-bins replaced  | ... .. | 46 |
| Dust-bins provided in lieu of Ashpits                                   | ... .. | 11 |
| Doors repaired or renewed and thresholds and weather boards provided    | ... .. | 5  |
| Floors repaired or renewed  | ... .. | 8  |
| Walls and Ceilings plastered  | ... .. | 10 |
| House Roofs repaired  | ... .. | 15 |
| Outbuildings repaired and re-roofed                                     | ... .. | 3  |
| Windows repaired and reveals pointed                                    | ... .. | 15 |
| Yards and Passages re-laid or repaired                                  | ... .. | 1  |
| Fire Ranges repaired and Fire-backs re-set                              | ... .. | 2  |
| Verminous and filthy Houses cleansed                                    | ... .. | 2  |
| External Walls pointed or rendered in cement                            | ... .. | 7  |
| Burst Water Pipes repaired  | ... .. | 5  |
| New Water Services  | ... .. | 5  |
| Artificial Lighting provided in factory conveniences...                 | ...    | 5  |
| Intervening ventilating space provided                                  | ... .. | 6  |
| Defective Soil Pipes  | ... .. | 1  |
| Miscellaneous Defects made good   | ... .. | 38 |

## PUBLIC CLEANSING.

The cleansing work is under the supervision of the Sanitary Inspector and includes the collection and disposal of domestic and trade refuse, the cleansing of streets and the emptying of street gullies.

Controlled tipping is carried out at Gill Brow and a 7 cubic yard side loading refuse collection vehicle is used for the work of collection to this tip. The cost per ton for collection and disposal was 10s. 3·16d., which, owing to higher wages and increased cost of maintenance, etc., compares very favourably with last year's figure of 8s. 6·76d. per ton.

There are 10 men engaged on scavenging and cleansing duties and a weekly collection of dustbins was maintained which is very satisfactory.

The cleansing work was carried out with street orderlies, and the street gullies were emptied sufficiently often to prevent nuisances from overflowing gullies.

The following table shows the quantity of waste and dormant materials salvaged and sold :

|                   | Tons. | Cwts. | Qrs. | Lbs. | £    | s. | d. |
|-------------------|-------|-------|------|------|------|----|----|
| Waste Paper ...   | 80    | 8     | 3    | 0    | 523  | 13 | 8  |
| Ferrous Scrap ... | 1     | 6     | 2    | 0    | 2    | 13 | 0  |
| Non-ferrous Scrap |       |       |      | 24   | 0    | 4  | 0  |
| Textiles ...      | 2     | 14    | 0    | 0    | 19   | 1  | 6  |
| Bones ...         | 3     | 14    | 2    | 0    | 18   | 12 | 6  |
| Twine ...         |       | 9     | 0    | 0    | 2    | 15 | 5  |
| Kitchen Waste ... | 187   | 11    | 0    | 0    | 50   | 0  | 0  |
|                   | 276   | 3     | 3    | 24   | £617 | 0  | 1  |

### WEIGHTS PER 1,000 POPULATION.

| Population estimated. | Paper (Tons). | Kitchen Waste (Tons). | Bones (Cwts.). | Ferrous Scrap (Cwts.). | Non-ferrous Scrap (Lbs.). |
|-----------------------|---------------|-----------------------|----------------|------------------------|---------------------------|
| 10,000                | 8·043         | 18·75                 | 7·45           | 2·65                   | 2·4                       |

## COST OF PUBLIC CLEANSING.

### Collection of Trade and Domestic Refuse.

Total Loads removed : Motor, 1,016; Horse, 614.

| Cost :  | £    | s. | d.   |
|---|------|----|------|
| Wages, Provender, Repairs, Replacements, etc. | 2036 | 11 | 7    |
| Average Cost per Ton ...                      |      | 12 | 3·57 |

### Disposal of Refuse.

|                          | £   | s. | d.   |
|--------------------------|-----|----|------|
| Total Cost ...           | 505 | 0  | 6    |
| Average Cost per Ton ... | 0   | 3  | 0·59 |

**Collection and Disposal.**

|                                    | £   | s.  | d. | £    | s.  | d.   |
|------------------------------------|-----|-----|----|------|-----|------|
| Gross Cost                         | ... |     |    |      |     |      |
| Income :                           |     |     |    |      |     |      |
| Salvage                            | ... | 617 | 0  | 1    |     |      |
| Trade Refuse                       | ... | 20  | 14 | 5    |     |      |
| Miscellaneous                      | ... | 204 | 3  | 10   |     |      |
|                                    |     |     |    | 841  | 18  | 4    |
| Nett Cost                          | ... |     |    |      |     |      |
| Average Cost per Ton               | ... |     |    | ...  | ... | ...  |
| Estimated Annual Cost per Building | ... |     |    | ...  | ... | ...  |
|                                    |     |     |    |      |     |      |
|                                    |     |     |    | 1699 | 13  | 9    |
|                                    |     |     |    |      | 0   | 10   |
|                                    |     |     |    |      | 0   | 9    |
|                                    |     |     |    |      |     | 4.43 |

**Trade Refuse (Offal).**

|            | £   | s. | d. | £  | s. | d. |
|------------|-----|----|----|----|----|----|
| Total Cost | ... |    |    |    |    |    |
| Income     | ... |    |    | 10 | 1  | 0  |
| Net Cost   | ... |    |    |    |    |    |
|            |     |    |    |    |    |    |
|            |     |    |    | 44 | 8  | 6  |

**Cleansing of Pails and Tanks.**

|                                      | £   | s. | d.   |
|--------------------------------------|-----|----|------|
| Cost                                 | ... |    |      |
| Average Cost per Pail                | ... |    |      |
| Average Cost per Tank                | ... |    |      |
| Cost of Cleaning Streets and Gullies | ... |    |      |
|                                      | 84  | 6  | 0    |
|                                      | 0   | 0  | 8.76 |
|                                      | 0   | 9  | 4.3  |
|                                      | 576 | 3  | 1    |

**RATS AND MICE DESTRUCTION.**

Six hundred and four visits were made to rat-infested premises and sewer manholes.

Where baiting was considered to be the most suitable way of disinfection, sausage rusk or bread rusk were used as the base for baits, and arsenic or zinc phosphide as poisons.

In two instances the cause of infestation was found to be due to defective drains and others due to land infestations.

The following types of premises were dealt with :

|                 |     |     |     |     |   |
|-----------------|-----|-----|-----|-----|---|
| Refuse Tip      | ... | ... | ... | ... | 1 |
| Bakehouses      | ... | ... | ... | ... | 1 |
| Offices         | ... | ... | ... | ... | 2 |
| Schools (Mice)  | ... | ... | ... | ... | 1 |
| Dwelling-houses | ... | ... | ... | ... | 4 |
| Shops           | ... | ... | ... | ... | 2 |

Number of pre-baits, 371.

Number of poison baits, 221.

Two hundred and twenty-four sewer manholes were baited and the following were the results :

|                     |             |     |     |     |
|---------------------|-------------|-----|-----|-----|
| Number of Pre-baits | ...         | ... | ... | 224 |
| Total Cost :        | £7 18s. 1d. |     |     |     |

### COMMON LODGINGHOUSES.

There are two Common Lodginghouses and the Keepers of the premises are licensed annually.

Sixteen inspections were made to these premises and all were found to be satisfactory.

### TENTS, VANS AND SHEDS.

There is one wooden erection used as a dwelling. There was no reason for complaint in relation to sanitary accommodation, water supply and overcrowding.

### OFFENSIVE TRADES.

There is one tripe boiler and one rag and bone dealer on the register and on inspection the premises were found to be in a satisfactory condition.

### SHOPS ACT.

The Department is responsible for the supervision of shops in relation to the provision of suitable and sufficient ventilation, temperature and sanitary conveniences.

### SMOKE ABATEMENT.

|   |     |     |     |       |
|---|-----|-----|-----|-------|
| Number of Chimneys                                  | ... | ... | ... | 15    |
| Number of Observations of 30 minutes duration       | ... | ... | ... | 145   |
| Minutes of Black Smoke                              | ... | ... | ... | 10½   |
| Average Time of Black Smoke emitted per observation | ... | ... | ... | 0.072 |
| Average Time of Smoke Emitted per observation       | ... | ... | ... | 7.572 |

On no occasion was black smoke emitted in excess of three minutes allowable in the Council's bye-laws. However, five visits were made to engineers of factories where excessive moderate smoke was emitted and the main cause of the nuisance was found to be due to the inferior quality of the coal. The managers and engineers of the firms were interviewed and no further action was necessary as it was found, on further observation, that conditions had improved, taking into account the very poor quality of fuel.

## DISINFECTION.

The disinfection of bedding and clothing from cases of infectious diseases is carried out at the Isolation Hospital, and a "Velox" steam disinfector is installed for the purpose. The rooms where patients have been isolated are disinfected with formalin.

The articles and rooms disinfected were as follows :

|                  |     |     |     |     |     |    |
|------------------|-----|-----|-----|-----|-----|----|
| Rooms            | ... | ... | ... | ... | ... | 30 |
| Beds             | ... | ... | ... | ... | ... | 19 |
| Mattresses       | ... | ... | ... | ... | ... | 2  |
| Canvas Beds      | ... | ... | ... | ... | ... | 30 |
| Bolsters         | ... | ... | ... | ... | ... | 10 |
| Pillows          | ... | ... | ... | ... | ... | 42 |
| Quilts           | ... | ... | ... | ... | ... | 18 |
| Blankets         | ... | ... | ... | ... | ... | 91 |
| Sheets           | ... | ... | ... | ... | ... | 19 |
| Suits of Clothes | ... | ... | ... | ... | ... | 16 |
| Shawls           | ... | ... | ... | ... | ... | 3  |
| Cushions         | ... | ... | ... | ... | ... | 1  |
| Rugs             | ... | ... | ... | ... | ... | 1  |
| Sundries         | ... | ... | ... | ... | ... | 12 |

## FILTHY AND VERMINOUS PREMISES.

Two visits were made to two verminous houses. Vermicine insecticide was applied with a fine spray to destroy the bed bug. The furniture, walls, floors and ceilings were sprayed twice within a fortnight,. This method of treatment proved successful.

## SCHOOLS.

There are five elementary schools in the area, and the medical inspection of schoolchildren is under the supervision of the West Riding County Council.

Thirteen visits were made to the schools in the district, especially during and after the frost, when the schools, with the exception of one, were closed for 10 days by reason of the outside sanitary accommodation being frozen up and in an unusable and filthy condition. A special report, together with plans and recommendations, was submitted by the Sanitary Inspector to the Health Committee, who sent a copy of this to the Education Authority. It is hoped that some action will be taken to remedy as far as possible this state of affairs and so obviate the necessity for closing the schools again.



## INSPECTION AND SUPERVISION OF FOOD.

### MILK SUPPLY.

#### COWSHEDS, DAIRIES AND MILKSHOPS.

|   |     |     |    |
|---|-----|-----|----|
| No. of Cowkeepers and Wholesalers   | ... | ... | 18 |
| „ Wholesalers and Purveyors   | ... | ... | 2  |
| „ Cowkeepers and Purveyors  | ... | ... | 11 |
| „ Purveyors (only)  | ... | ... | 5  |
| „ Purveyors coming from outside the Urban Area  | ... | ... | 3  |
| „ Milkshops   | ... | ... | 6  |
| „ Licences under the Milk (Special Designations) Regulations, 1941. Pasteurised (High Temperature short time process) |     |     | 1  |
| „ Licensed Producers of "Accredited Milk"...  |     |     | 5  |

The following additions and alterations were carried out on milk-producing farms :

|                       |     |     |     |     |   |
|-----------------------|-----|-----|-----|-----|---|
| Dairies repaired      | ... | ... | ... | ... | 1 |
| Walls cement rendered | ... | ... | ... | ... | 1 |

One hundred and thirty-eight inspections were made of milk-producing farms and dairies. The general standard of cleanliness of the cowsheds, dairies and cattle was good.

There is a dairy in the district which receives milk from the farms in the surrounding area. During the year approximately 3,076,118 gallons of milk were received. Approximately 2,841,913 gallons were brine cooled or pasteurised, and sent to Leeds, Bradford, Barnsley and Dewsbury. Cheese was made from the remainder of the milk. Eighteen samples were taken for keeping quality and effective pasteurisation, which all proved to be satisfactory.

One hundred and ninety samples of milk were obtained for bacteriological examination. The test as applied for "Accredited" milk was used as a standard for raw milk. To fulfil the requirements of the test, samples should not decolourise Methylene Blue at the end of 4½ hours if they are taken between the 1st May and 31st October, or at the end of 5½ hours if they are taken between the 1st November and 30th April.

### RAW MILK.

#### Produced in the District :

|                                       |     |     |     |    |
|---------------------------------------|-----|-----|-----|----|
| Number of Samples                     | ... | ... | ... | 66 |
| Number satisfying Methylene Blue Test | ... | ... | ... | 34 |
| Number not satisfying Test            | ... | ... | ... | 32 |

#### Produced Outside the Area :

|                                       |     |     |     |    |
|---------------------------------------|-----|-----|-----|----|
| Number of Samples                     | ... | ... | ... | 25 |
| Number satisfying Methylene Blue Test | ... | ... | ... | 13 |
| Number not satisfying Test            | ... | ... | ... | 12 |

**PASTEURISED MILK.****Treated at the Local Dairy :**

|  |     |     |     |     |    |
|--|-----|-----|-----|-----|----|
| Number of Samples                      | ... | ... | ... | ... | 18 |
| Samples satisfying Methylene Blue Test | ... | ... | ... | ... | 9  |
| Samples satisfying Phosphatase Test    | ... | ... | ... | ... | 9  |

**From Outside the Area :**

|   |     |     |     |     |    |
|---|-----|-----|-----|-----|----|
| Number of Samples                         | ... | ... | ... | ... | 34 |
| Samples satisfying Methylene Blue Test... | ... | ... | ... | ... | 17 |
| Samples satisfying Phosphatase Test       | ... | ... | ... | ... | 16 |

**MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1936—1942.****“ACCREDITED” MILK.**

|                     |     |     |     |     |    |
|---------------------|-----|-----|-----|-----|----|
| Number taken        | ... | ... | ... | ... | 33 |
| Number satisfactory | ... | ... | ... | ... | 18 |

**BIOLOGICAL EXAMINATION OF MILK.****Produced in the District :**

|   |     |     |     |     |    |
|---|-----|-----|-----|-----|----|
| Number of Samples                       | ... | ... | ... | ... | 11 |
| Number satisfying test for Tuberculosis | ... | ... | ... | ... | 11 |

**Produced Outside the Area :**

|   |     |     |     |     |   |
|---|-----|-----|-----|-----|---|
| Number of Samples                       | ... | ... | ... | ... | 3 |
| Number satisfying Test for Tuberculosis | ... | ... | ... | ... | 3 |

**MEAT AND OTHER FOODS.**

|  |     |     |     |     |    |
|--|-----|-----|-----|-----|----|
| No. of Private Slaughterhouses (Unoccupied)  | ... | ... | ... | ... | 5  |
| „ Butchers' Shops  | ... | ... | ... | ... | 18 |
| Premises used for the preparation of sausages, potted, pressed, pickled or preserved foods (excluding butchers' shops) | ... | ... | ... | ... | 9  |
| Manufacture and Sale of Ice-cream  | ... | ... | ... | ... | 2  |

The slaughtering of animals, for human consumption, was carried out at the Skipton Urban District Council's Abbatoir. Sixty-three visits were made to food premises and there was no action taken, as the premises were clean and in a satisfactory condition.

Twenty-six visits were made to premises where ice-cream was manufactured and sold, and there was no action taken, as the premises were clean and in a satisfactory condition.

After the Ice Cream (Heat Treatment Etc.) Regulations 1947 came into operation, one of these premises complied with the regulations and the other ordered the apparatus necessary and is awaiting delivery of the same.

**BAKEHOUSES.**

The number of Bakehouses on the register is 23. Seventy-one visits were made to these premises and on each occasion, except one, were found in a clean and satisfactory condition. The occupier had cleansed the unsatisfactory one on a further inspection.

## PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

## SCARLET FEVER.

Nineteen cases of this disease were notified and all except one were removed to the Council's Isolation Hospital.

## DIPHTHERIA.

There were no cases of Diphtheria reported.

The number of children who completed a full course of immunisation during the year was :

|                                    |     |     |     |     |     |    |
|------------------------------------|-----|-----|-----|-----|-----|----|
| Age under 5 years                  | ... | ... | ... | ... | ... | 73 |
| Age 5 years and over, but under 15 | ... | ... | ... | ... | ... | 30 |

The estimated percentage of the child population immunised was :

|                      |     |     |     |     |       |
|----------------------|-----|-----|-----|-----|-------|
| Under 5 years of age | ... | ... | ... | ... | 10.0% |
| 5—15 years of age    | ... | ... | ... | ... | 2.94% |

## MEASLES AND WHOOPING COUGH.

One hundred and seventy-six cases of measles and forty-three cases of whooping cough were notified. This is a considerable increase from last year, when four cases of measles and five cases of whooping cough were notified.

## SCABIES.

Accommodation is provided at the Council's Isolation Hospital for the treatment of Scabies. Treatment is carried out in accordance with the recommendation of the Ministry of Health.

Ten cases were treated with Emulsion of Benzyl Benzoate with very successful results.

NOTIFIABLE DISEASES DURING THE YEAR (OTHER  
THAN TUBERCULOSIS).

[illegible]



## PREVENTION OF BLINDNESS.

No action was taken under the provisions of Section 176 Public Health Act, 1936, for the prevention of blindness or the treatment of persons suffering from any disease or injury to the eyes. Cases of ophthalmia neonatorum are notified to the West Riding County Council Medical Officer.

## TUBERCULOSIS.

It was not necessary to take any action under the provisions of the Public Health (Prevention of Tuberculosis) Regulations, 1925, relating to removing persons employed in the milk trade, or the compulsory removal of persons suffering from the disease.

Phthisis rate per 1,000 population was 0·099, compared with ·20 last year.

|                | NEW CASES.   |    |                  |    | DEATHS       |    |                  |    |
|----------------|--------------|----|------------------|----|--------------|----|------------------|----|
|                | Respiratory. |    | Non-Respiratory. |    | Respiratory. |    | Non-Respiratory. |    |
|                | M.           | F. | M.               | F. | M.           | F. | M.               | F. |
| 0              |              |    |                  |    |              |    |                  |    |
| 1              |              |    |                  | 1  |              |    |                  |    |
| 5              | 1            |    | 1                | 1  |              |    |                  |    |
| 15             |              | 1  | 2                | 2  |              | 1  |                  | 1  |
| 25             | 2            | 1  |                  |    |              |    |                  |    |
| 35             | 1            |    |                  |    |              |    |                  |    |
| 45             |              |    |                  |    |              |    |                  |    |
| 55 and Upwards |              | 1  |                  |    |              |    |                  |    |
| Totals         | 4            | 3  | 3                | 4  |              | 1  |                  | 1  |

## CANCER.

Patients suffering from cancer may receive treatment at the Burnley Victoria Hospital or the Leeds General Infirmary.

There were 19 deaths occurring at the following ages :

|                | M. | F. |
|----------------|----|----|
| 25—35          | —  | 1  |
| 35—45          | —  | 2  |
| 45—55          | 1  | 1  |
| 55—65          | 2  | 2  |
| 65 and upwards | 3  | 7  |





